

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

**FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A PORTION
OF THE EAST BOUNDARY
AND A PORTION OF THE SUBDIVISIONAL LINES
AND
THE SUBDIVISION OF SECTIONS 14 AND 24,
TOWNSHIP 26 NORTH, RANGE 9 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.**

EXECUTED BY

Dale C. Wilson, Cadastral Surveyor

Under Special Instructions dated October 13, 2000, approved October 13, 2000, which provided for the surveys included under Group No. 859, and assignment instructions dated October 13, 2000.

Survey commenced October 16, 2000

Survey completed October 19, 2000

INDEX DIAGRAM

TOWNSHIP 26 NORTH

RANGE 9 EAST

6	5	4	3	2	1
7	8	9	10	11 8	12
18	17	16	15	7 14 6	5 13 5
19	20	21	22	23	4 24 2 3
30	29	28	27	26	25
31	32	33	34	35	36

Subdivision of Section 14 Page 9

Subdivision of Section 24 Pages 9-10

T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the east boundary and a portion of the subdivisional lines and the subdivision of sections 14 and 24, T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows:

Theodore O. Johnston and Philip L. Inch surveyed the east boundary in 1916. Philip L. Inch surveyed the subdivisional lines in 1916.

This entire area is located on a sedimentary shelf of extremely dense basalt. Evidence of all of the original corners was recovered and indicate that none of the monuments were ever set at the record depth. A rock drill was used to set all of the monuments.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated October 13, 2000, for Group No. 859, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 4700 model receivers.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. The retracement data were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from first order U. S. Coast and Geodetic Survey triangulation station BLACK POINT 1936, as published by the National Geodetic Survey, NAD 83 (1992). The geographic position of the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., is as follows:

Latitude: 35° 36' 42.55" N. Longitude: 111° 22' 37.58" W.

The mean magnetic declination is 12½° E.

Dependent Resurvey of a Portion of the East Boundary,
T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">Restoring the survey executed by Theodore O. Johnston and Philip L. Inch in 1916</p> <hr/> <p>Beginning at the cor. of secs. 19, 24, 25 and 30, monumented with an iron post, 3 ins. diam., 36 ins. long, loosely set, projecting 24 ins. above ground, in a scattered mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd. T26N R9E R10E S19 S24 S25 S30 1916.</p> <p>At the corner point</p> <p>Reset the iron post, 30 ins. in the ground and rebuild mound of stone, 4 ft. base, 2 ft. high, to the W.</p> <p>Deposit a magnet in a white plastic case at the base of the iron post. Add the marks 2000 to the brass cap.</p> <p>From this cor. point, U. S. Coast and Geodetic Survey triangulation station BLACK POINT 1936, bears N. 14°08' E., 492.80 chs. dist., monumented with a standard brass disk, 3½ ins. diam., cemented flush with the surface of a lava boulder, 24 x 16 x 8 ins. above ground, with top mkd. BLACK POINT 1936 and a triangle.</p> <p>N. 0°01' E., bet. secs. 19 and 24.</p> <p>Over nearly level rock.</p> <p>40.05 The 1/4 sec. cor. of secs. 19 and 24, determined at the east edge of an embedded mound of stone, 3 ft. base, 1 ft. high, with an iron post, 1 in. diam., 36 ins. long, lying loose on top, with brass cap mkd. 1/4 S24 S19 1916.</p> <p>At the corner point</p> <p>Reset the iron post, 30 ins. in the ground and rebuild mound of stone, 4 ft. base, 2 ft. high to the W.</p> <p>Deposit a magnet in a white plastic case at the base of the iron post. Add the marks T26N R9E R10E 2000 to the brass cap.</p> <hr/> <p>N. 0°01' E., beginning new measurement.</p> <p>Over gently sloping rock.</p> <p>40.03 The cor. of secs. 13, 18, 19 and 24, determined at the east edge of an embedded mound of stone, 4 ft. base, 2 ft. high, with an iron post, 3 ins. diam., 36 ins. long, lying loose on top, with brass cap mkd. T26N R9E R10E S13 S18 S24 S19 1916.</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>At the corner point</p> <p>Reset the iron post 16 ins. in solid rock and rebuild the witness mound to encircle the iron post, 5 ft. base, to top.</p> <p>Deposit a magnet in a white plastic case at the base of the iron post. Add the marks 2000 to the brass cap.</p> <hr/> <p align="center">Dependent Resurvey of a Portion of the Subdivisional Lines, T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p align="center">Restoring the survey executed by Philip L. Inch, in 1916</p> <hr/> <p>From the cor. of secs. 19, 24, 25 and 30, on the E. bdy. of the Tp., hereinbefore described.</p> <p>N. 89°27' W., bet. secs. 24 and 25.</p> <p>Over nearly level rock.</p>
16.00	Dry wash, 1 ch. wide, drains N. 62° E.
40.06	<p>The 1/4 sec. cor. of secs. 24 and 25, monumented with an embedded mound of stone, 2 ft. base, 1 ft. high, with a mound of stone, 3 ft. base, 1 ft. high, to the N., no iron post found.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 8 ins. in solid rock, encircled with a mound of stones from both mounds, 4 ft. base, to top, with brass cap mkd.</p> <p align="center">T26N R9E S24 1/4 ——— S25 2000</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <hr/> <p>N. 89°56' W., beginning new measurement.</p> <p>Over nearly level rock.</p>
3.90	Trail road, bears S. 7° E. and N. 7° W.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.07	<p>The cor. of secs. 23, 24, 25 and 26, determined at the east edge of an embedded mound of stone, 3 ft. base, 1 ft. high, with an iron post, 2 ins. diam., 36 ins. long, lying loose alongside, with brass cap mkd. T26N R9E S23 S24 S26 S25 1916.</p> <p>At the corner point</p> <p>Reset the iron post 26 ins. in layered rock, encircled with a small collar of stone and rebuild the witness mound, 3 ft. base, 1½ ft. high, to the W.</p> <p>Deposit a magnet in a white plastic case at the base of the iron post. Add the marks 2000 to the brass cap.</p>
40.04	<p>North, bet. secs. 23 and 24.</p> <p>Over nearly level rock.</p> <p>The 1/4 sec. cor. of secs. 23 and 24, monumented with an embedded mound of stone, 2 ft. base, with a mound of stone, 3 ft. base, 1 ft. high, to the W., no iron post found.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 5 ins. in solid rock, in a mound of stone from both mounds, 4 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T26N R9E</p> <p>1/4</p> <p>S23 S24</p> <p>2000</p> </div> <p>Deposit a magnet in a white plastic case in a drill hole beneath the stainless steel post.</p>
40.07	<p>N. 0°01' E., beginning new measurement.</p> <p>Over nearly level rock.</p> <p>The cor. of secs. 13, 14, 23 and 24, monumented with an iron post, 2 ins. diam., firmly set, projecting 21 ins. above ground, in a scattered mound of stone, 4 ft. base, with brass cap mkd. T26N R9E S14 S13 S23 S24 1916.</p> <p>At the corner point</p> <p>Reset the 36 in. long iron post 26 ins. in layered rock, encircled with a mound of stone, 5 ft. base, to top.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>Deposit a magnet in a white plastic case at the base of the iron post. Add the marks 2000 to the brass cap.</p>
40.09	<p>From the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., hereinbefore described.</p> <p>N. 89°40' W., bet. secs. 13 and 24.</p> <p>Over nearly level rock.</p> <p>The 1/4 sec. cor. of secs. 13 and 24, monumented with an iron post, 1 in. diam., 36 ins. long, loosely set in a small collar of stone, 2 ft. base, with a mound of stone, 4 ft. base, 1 ft. high, to the N., with brass cap mkd. 1/4 S13 S24 1916.</p> <p>At the corner point</p> <p>Seat a brass tablet, 3½ diam., 3½ in. stem, cemented in a drill hole in solid rock, with top mkd.</p> <div style="text-align: center;"> <p>T26N R9E</p> <p>S13</p> <p>1/4 ———</p> <p>S24</p> <p>2000</p> </div> <p>Rebuild the mound of stone, 4 ft. base, 2 ft. high, to the N. and bury the iron post beneath the mound.</p> <p>Deposit a magnet in a white plastic case in drill hole.</p>
	<p>N. 89°39' W., beginning new measurement.</p> <p>Over level rock.</p>
37.60	<p>Trail road, bears S. 37° E. and N. 37° W.</p>
40.03	<p>The cor. of secs. 13, 14, 23 and 24.</p>
3.20	<p>N. 0°03' W., bet. secs. 13 and 14.</p> <p>Over nearly level rock.</p> <p>Trail road, bears S. 37° E. and N. 37° W.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.01	<p>The 1/4 sec. cor. of secs. 13 and 14, monumented with an embedded mound of stone, 3 ft. base, with a mound of stone, 3 ft. base, 1 ft. high, to the W., and an iron post, 1 in. diam., 36 ins. long, lying loose alongside, with brass cap mkd. 1/4 S14 S13 1916.</p> <p>At the corner point</p> <p>Reset the iron post 26 ins. in layered rock, rebuild supporting mound of stone and move the witness mound to encircle the iron post, 4 ft. base to top.</p> <p>Deposit a magnet in a white plastic case at the base of the iron post. Add the marks T26N R9E 2000 to the brass cap.</p> <hr/> <p>N. 0°01' W., beginning new measurement.</p> <p>Over gently sloping rock.</p>
40.09	<p>The cor. of secs. 11, 12, 13 and 14, determined at the east edge of an embedded mound of stone, 3 ft. base, 1 ft. high, with an iron post, 2 ins. diam., 36 ins. long, lying loose alongside, with brass cap mkd. T26N R9E S11 S12 S14 S13 1916.</p> <p>At the corner point</p> <p>Reset the iron post 27 ins. in layered rock, encircled with a small collar of stone and rebuild the witness mound, 3 ft. base, 1½ ft. high.</p> <p>Deposit a magnet in a white plastic case at the base of the iron post. Add the marks 2000 to the brass cap.</p> <hr/> <p>From the cor. of secs. 13, 14, 23 and 24.</p> <p>S. 89°58' W., bet. secs. 14 and 23.</p> <p>Over nearly level rock.</p>
40.09	<p>The 1/4 sec. cor. of secs. 14 and 23, determined at the south edge of an embedded mound of stone, 4 ft. base, 1 ft. high, no iron post found.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in layered rock, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	<div data-bbox="876 273 1023 430"> <p>T26N R9E S14 1/4 ——— S23 2000</p> </div> <div data-bbox="438 451 1461 556"> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post. Rebuild mound of stone, 4 ft. base, 2 ft. high, to the N.</p> </div> <div data-bbox="438 577 1461 714"> <p>From this cor. point, the cor. of secs. 14, 15, 22 and 23, bears N. 89°22' W., 40.04 chs. dist., monumented with an iron post, 2 ins. diam., firmly set in a mound of stone, 5 ft. base, 3 ft. high, with brass cap mkd. T26N R9E S15 S14 S22 S23 1916.</p> </div> <hr/> <div data-bbox="438 766 1461 892"> <p>From the 1/4 sec. cor. of secs. 14 and 15, determined at east edge of an embedded mound of stone, 4 ft. base, 1 ft. high, with an iron post, 1 in. diam., 36 ins. long, lying loose alongside, with brass cap mkd. 1/4 S15 S14 1916.</p> </div> <div data-bbox="438 924 747 955"> <p>At the corner point</p> </div> <div data-bbox="438 987 1461 1050"> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in layered rock, with brass cap mkd.</p> </div> <div data-bbox="876 1081 1031 1207"> <p>T26N R9E 1/4 S15 S14 2000</p> </div> <div data-bbox="438 1228 1396 1291"> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> </div> <div data-bbox="438 1323 1461 1396"> <p>From this cor. point, the cor. of secs. 14, 15, 22 and 23, bears S. 0°13' W., 39.79 chs. dist.</p> </div> <div data-bbox="438 1417 990 1459"> <p>N. 0°24' W., bet. secs. 14 and 15.</p> </div> <div data-bbox="438 1480 844 1522"> <p>Over gently sloping rock.</p> </div> <div data-bbox="267 1543 349 1585">40.28</div> <td data-bbox="438 1543 1461 1711"> <p>The cor. of secs. 10, 11, 14 and 15, monumented with an iron post, 2 ins. diam., firmly set, projecting 21 ins. above the ground, with a scattered mound of stone, 4 ft. base, to the W., and with brass cap badly worn from livestock rubbing, with original marks stamped over with R's.</p> </td>	<p>The cor. of secs. 10, 11, 14 and 15, monumented with an iron post, 2 ins. diam., firmly set, projecting 21 ins. above the ground, with a scattered mound of stone, 4 ft. base, to the W., and with brass cap badly worn from livestock rubbing, with original marks stamped over with R's.</p>
	<div data-bbox="438 1732 755 1774"> <p>At the corner point</p> </div> <div data-bbox="438 1795 1461 1869"> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> </div>	

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS													
	<div data-bbox="857 275 1036 426"> <table> <tr><td colspan="2">T26N R9E</td></tr> <tr><td>S10</td><td>S11</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>S15</td><td>S14</td></tr> <tr><td colspan="2">2000</td></tr> </table> </div> <p>Rebuild mound of stone, 3 ft. base, 1 ft. high, to the W. Deposit a magnet in a white plastic case at the base of the stainless steel post. Bury the iron post alongside the stainless steel post.</p> <p>Cor. falls on E. edge of trail road, bears N. and S.</p>	T26N R9E		S10	S11	<hr/>		S15	S14	2000			
T26N R9E													
S10	S11												
<hr/>													
S15	S14												
2000													
40.12	<p>From the cor. of secs. 11, 12, 13 and 14.</p> <p>N. 89°38' W., bet. secs. 11 and 14.</p> <p>Over nearly level rock.</p> <p>The 1/4 sec. cor. of secs. 11 and 14, determined at the south edge of an embedded mound of stone, 4 ft. base, 1 ft. high, no iron post found.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 19 ins. in layered rock, with brass cap mkd.</p> <div data-bbox="878 1176 1024 1327"> <table> <tr><td colspan="2">T26N R9E</td></tr> <tr><td colspan="2">S11</td></tr> <tr><td colspan="2"><hr/></td></tr> <tr><td>1/4</td><td></td></tr> <tr><td colspan="2">S14</td></tr> <tr><td colspan="2">2000</td></tr> </table> </div> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post. Rebuild mound of stone, 4 ft. base, 1½ ft. high, to the N.</p>	T26N R9E		S11		<hr/>		1/4		S14		2000	
T26N R9E													
S11													
<hr/>													
1/4													
S14													
2000													
35.80	<p>N. 89°49' W., beginning new measurement.</p> <p>Over nearly level rock.</p> <p>Trail road, bears S. 45° E. and N. 45° W.</p>												
40.06	<p>The cor. of secs. 10, 11, 14 and 15.</p>												

Subdivision of Section 14,
T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.14	<p>From the 1/4 sec. cor. of secs. 14 and 23.</p> <p>N. 0°04' W., on the N. and S. center line of sec. 14.</p> <p>Point for the center 1/4 sec. cor. of sec. 14, at intersection with the E. and W. center line of sec. 14.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in layered rock, with brass cap mkd.</p> <p style="text-align: center;">T26N R9E C 1/4 S14 2000</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post. Raise a mound of stone, 3 ft. base, 1 ft. high, W. of cor.</p>
44.39	Trail road, bears S. 49° E. and N. 49° W.
80.38	The 1/4 sec. cor. of secs. 11 and 14.
	<hr/> <p>From the 1/4 sec. cor. of secs. 13 and 14.</p>
	N. 89°51' W., on the E. and W. center line of sec. 14.
35.25	Trail road, bears S. 49° E. and N. 49° W.
40.09	The center 1/4 sec. cor. of sec. 14.
79.92	The 1/4 sec. cor. of secs. 14 and 15.
	<hr/> <p style="text-align: center;">Subdivision of Section 24, T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona</p> <hr/>
	From the 1/4 sec. cor. of secs. 24 and 25.
	N. 0°01' W., on the N. and S. center line of sec. 24.
39.88	Point for the center 1/4 sec. cor. of sec. 24, at intersection with the E. and W. center line of sec. 24.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 16 ins. in layered rock, encircled with a collar of stone, 3 ft. base, to top, with brass cap mkd.
	<p style="text-align: center;">T26N R9E C 1/4 S24 2000</p>

Subdivision of Section 24,
T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
39.99	Trail road, bears E. and W.
79.92	The 1/4 sec. cor. of secs. 13 and 24.
	<p>From the 1/4 sec. cor. of secs. 19 and 24, on the E. Bdy. of the Tp.</p> <p>N. 89°42' W., on the E. and W. center line of sec. 24.</p>
40.07	The center 1/4 sec. cor. of sec. 24.
48.80	Trail road, bears S. 7° E. and N. 7° W.
80.13	The 1/4 sec. cor. of secs. 24 and 25.
GENERAL DESCRIPTION	
<p>The area encompassed by this survey is located approximately 32 miles northeast of Flagstaff, Arizona. The entire area is nearly level consisting of 8 to 10 inch thick layers of extremely dense basalt stone. Both sections slope slightly to the northeast with the southwest corners at 5030 feet above sea level and the northeast corners at 4930 feet above sea level.</p> <p>Access to the area is via a ranch road from the northwest with a number of trail roads throughout. There are no inhabitants in the area and the general use is grazing. There was no evidence of mineral activity. The only source of water in the area is the Bar Doney Well located approximately 10 chains southwest of the 1/4 section corner of sections 14 and 15.</p> <p>The mean magnetic declination of 12¼° E., was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.</p>	

FIELD ASSISTANTS

[illegible]

CERTIFICATE OF SURVEY

I, Dale C. Wilson, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 13th day of October, 2000, I have dependently resurveyed a portion of the east boundary and a portion of the subdivisional lines and subdivided sections 14 and 24, T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

11/20/00

(Date)

Dale C. Wilson

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the east boundary and a portion of the subdivisional lines and the subdivision of sections 14 and 24, T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona, executed by Dale C. Wilson, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

November 21, 2000

(Date)

Kenny D. Ravmbar

(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 26 N., R. 9 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~